BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Name of Work: Estimate for Providing Basic Amenities, Procurement of Dustbins and SWM works in Ward No. 03, Attur.

Estimate Cost: ₹ 99.00 Lakhs

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supplying ,installation ,Commissioning and Testing CP PLUS 3 MP , 50 meters ip bullet camera,1/3" 3MP PS CMOS Image Sensor,Max 25fps@3MP, 25/30fps@1080P,H.264, H.264H, H.264B , MJPEG dual-codec encoding,DWDR, Day/Night(ICR), 3DNR, ROI, AWB, AGC, BLC, HLC,3.6mm fixed lens (6mm optional),IR Range of 50 Mtrs, IP67, SD Card, PoE,Mobile Software: iCMOB, gCMOB,CMS Software: KVMS Pro, vOptimus Pro inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	22160.00							
		Nos	75				75.00		
							75.00	22160.00	**1662000.00**
2	Supplying ,installation ,Commissioning and Testing CP PLUS 32 Ch. H.265 4K Network Video Recorder Up to 32 channel IP camera input H.265/H.264 dual codec decoding Up to 8Mp resolution preview and playback Max 200Mbps incoming bandwidth Support 4 SATA HDDs up to 24TB, 2 USB(1 USB3.0) HDMI / VGA simultaneous video output Support Multi-brand network cameras ONVIF Version 2.4 conformance Mobile Software: iCMOB, gCMOB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	65892.00							
		Nos	3				3.00		
							3.00	65892.00	**197676.00**
3	Supplying ,installation ,Commissioning and Testing Netgear ReadyNAS 4-Bay Diskless Network Attached Storage for Personal Cloud by Netgear inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	256420.00							
		Nos							
			3				3.00		
							3.00	256420.00	**769260.00**
4	Providing and Supplying NAS hard disk drives 6 TB inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23850.00							
		Nos	12				12.00		
							12.00	23850.00	**286200.00**
5	Supplying ,installation ,Commissioning and Testing D-Link 24-Port Gigabit Switch With 4 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	34300.00							
		Nos	1				1.00		
							1.00	34300.00	**34300.00**
6	Supplying ,installation ,Commissioning and Testing D-Link 8-Port Gigabit Switch With 2 Combo SFP Ports inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	27500.00							
		Nos	25				25.00		
							25.00	27500.00	**687500.00**
7	Providing and Supplying CAT6 OUT Door 305 mtr Cable Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	63250.00							
		Nos	15				15.00		
							15.00	63250.00	**948750.00**
8	Providing and Fixing Media converter Giga Dlink inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	11200.00							
		Nos	25				25.00		
							25.00	11200.00	**280000.00**
9	Providing and Fixing OFC cable single mode 6 core inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	165.00							
		Nos	12800				12800.00		
							12800.00	165.00	**2112000.00**

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing Cctv MS poles with camera fixing brackets, 5 to 6 mtr height Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	23500.00							
		Nos	25				25.00		
							25.00	23500.00	587500.00
	Providing and Fixing MS Boxes for Poles with rust proof powder coating Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	8500.00							
		Nos	25				25.00		
							25.00	8500.00	212500.00
12	Providing and Fixing Electrical work for boxes for power supply, fixing PVC Boards with three pin socktes and switches with protection MCB and cabling to street light electrical poles as per the direction of Engineer in Charge								
	Approved Data Rate	7500.00							
		Nos	25				25.00		
							25.00	7500.00	187500.00
13	Providing Internet charges connecting CCTV with IP Based for one month								
	Approved Data Rate	3000.00							
		Nos	12				12.00		
							12.00	3000.00	36000.00
14	Providing and Fixing SFP-LX-SM GIGA MODULE Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6000.00							
		Nos	50				50.00		
							50.00	6000.00	300000.00
15	Providing and Fixing Fibre Optic PATCH Chords Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	2200.00							
		Nos	50				50.00		
							50.00	2200.00	110000.00
16	Supplying ,installation ,Commissioning and Testing UPS 2 KVA with two batteries Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	64400.00							
		Nos	1				1.00		
							1.00	64400.00	64400.00
17	Erecting of pole .The pole shall be erected n cement concrete work(1:2:4) including earthwork excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per IS 2713-7.1 Erection of lightduty pole on footpath a) 7.5m as per IS 410 Sp 5 charges as per the direction of Engineer in Charge								
	Approved Data Rate	6300.00							
		Nos	25				25.00		
							25.00	6300.00	157500.00
18	Providing and Fixing HDMI Cables 10 Mtrs inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	6200.00							
		Nos	3				3.00		
							3.00	6200.00	18600.00
19	Supplying ,installation ,Commissioning and Testing Video Manager Application Software for Display and Management of Camera on Video Display Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	33500.00							
		Nos	3				3.00		
							3.00	33500.00	100500.00
20	Supplying ,installation ,Commissioning and Testing of 43" LED TV – Reputed make Sony/Samsung/LG inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	44000.00							
		Nos	3				**3.00**	44000.00	132000.00
21	Supplying ,installation ,Commissioning and Testing Server rack 15u Box inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
	Approved Data Rate	34500.00							
		Nos	1				**1.00**	34500.00	34500.00
22	Supplying of dustbin for collection dry and wet waste for segregation , (Fiber dustbin Modern Type 3.0-3.75ft) inclusive of all taxes and transportation charges as per the direction of Engineer in Charge								
		Nos	5				**5.00**	18000.00	90000.00

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Sub Total								8914048.00
	11% KRIDL Charges								980545.00
	Miscellaneous								5407.00
								Total	9900000.00

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per Approved Rates.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer

Executive Engineer
Yelahanka Project Division 23/3/18

Administrative Approval

Accorded For Rs. 100.00 lakhs
Head of A/C P-3298
CER NO :197/17-18 Dt: 22/3/18

E.E. (Project) 22/3/18

Technical Sanction

Accorded For 100 lakhs only
Head of A/C P3298
CER NO :TS/8457 Dt: 24.03.18

TA CE (YNK)